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RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2613

PATENT APPLICATION  
Do. No. 8371-030

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gregory Eugene Borchers  
Serial No. 09/388,831 Examiner: An, Shawn S.  
Confirmation No.: 4488  
Filed: September 1, 1999 Group Art Unit: 2613  
For: APPARATUS AND METHOD FOR ADJUSTING REAL TIME VIDEO TO  
COMPENSATE FOR COLOR BLINDNESS

**RECEIVED**

BOX AF  
Assistant Commissioner for Patents,  
Washington, D.C. 20231

MAR 17 2003

Technology Center 2600

Responsive to the Final Office Action dated December 4, 2002, enclosed is an amendment in the above-identified application.

The fee has been calculated as shown below.

CLAIMS AS AMENDED					
For:	Number After Amendment	Previous Number	Extra	Rate	Additional Fee
Total Claims	18	-20*	0	x \$18 =	\$0
Independent Claims	4	-6**	0	x \$84 =	\$0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0

\*greater of twenty (20) or number for which fee has been paid

\*\*greater of three (3) or number for which fee has been paid

☒ Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

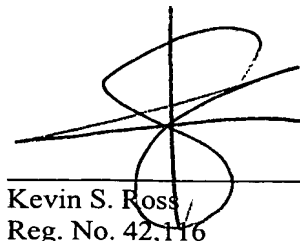
Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.



20575

PATENT TRADEMARK OFFICE

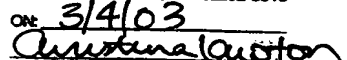
  
Kevin S. Ross  
Reg. No. 42,116

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On: 3/4/03  


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6/B  
J. Douglas  
3/17/03  
(N.E.)  
RESPONSE UNDER 37 CFR 1.116  
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Date: March 4, 2003

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**AMENDMENT AFTER FINAL REJECTION UNDER 37 CFR 1.116**

Responsive to the Final Office Action, dated December 4, 2002, please amend the application as follows.

**IN THE CLAIMS**

Please amend the claims to read as follows:

1. (Amended) A real time video system for outputting to a screen signals for displaying color images that are adjusted for color blindness from original color images encoded in a real time video signal, the video system comprising:

a decoder for decoding the video signal into at least one original color signal associated with a color of the original image;

a compensation processor coupled with the decoder for receiving the original color signal, the compensation processor including a plurality of separate color point remappings that are non-modifiable by a user of the video system, the compensation processor structured to remap the original color signal into one or more color blind compensated signals by